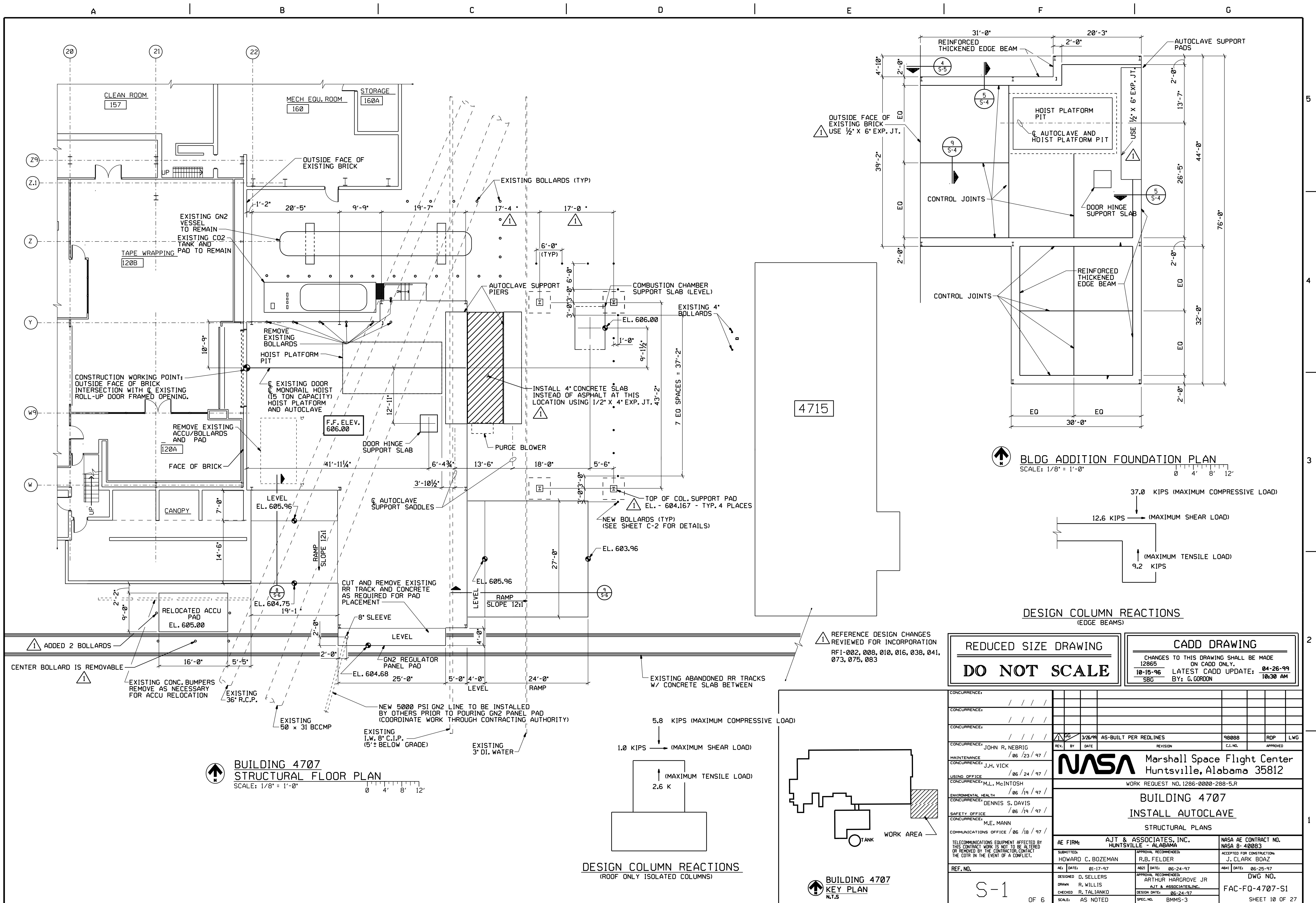




INDEX OF DRAWINGS

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STRUCTURAL WORK SUMMARY:

- * CONSTRUCTION OF FOUNDATIONS FOR GFE AUTOCLAVE AND HOIST PLATFORM
- * PLACEMENT OF AUTOCLAVE EQUIPMENT ON PREPARED FOUNDATIONS
- * PLACEMENT OF HOIST PLATFORM ON PREPARED FOUNDATIONS
- * CONSTRUCTION OF BUILDING ADDITION FOUNDATIONS AND FLOOR SLAB
- * ERECTION OF PRE-ENGINEERED METAL BUILDING ON PREPARED FOUNDATION

SIZE AND WEIGHT (APPROXIMATELY 450,000 POUNDS) OF AUTOCLAVE MAKES PLACEMENT OF AUTOCLAVE NECESSARY PRIOR TO CONSTRUCTION OF METAL BUILDING ADDITION. CONTACT CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR) TO SCHEDULE DELIVERY OF AUTOCLAVE AND HOIST PLATFORM COMPONENTS TO THE JOB SITE FOR PLACEMENT ACTIVITY AS SOON AS THE FOUNDATIONS ARE ADEQUATELY CURED AND BACKFILLED.

IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, PLACE AUTOCLAVE AND HOIST PLATFORM ON THEIR PREPARED FOUNDATIONS. CONTACT COTR FOR PLACEMENT INSTRUCTIONS. ALLOW CONCRETE TO CURE FOR A MINIMUM OF TEN DAYS PRIOR TO PLACING AUTOCLAVE AND HOIST PLATFORM. DO NOT PLACE AUTOCLAVE NOR HOIST PLATFORM UNTIL BACKFILLING OPERATIONS OF THEIR RESPECTIVE FOUNDATIONS ARE COMPLETE.

VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE PRIOR TO FABRICATION AND CONSTRUCTION. WHERE DISCREPANCIES EXIST, CONFIRM COURSE OF ACTION WITH THE COTR BEFORE PROCEEDING.

ALL PRODUCTS ARE SPECIFIED ON AN "APPROVED EQUAL" BASIS. WHEN SUBSTITUTION OF A SPECIFIED ITEM IS DESIRED, SUBMIT FOR APPROVAL CATALOG AND/OR OTHER DATA NECESSARY FOR PRODUCT EVALUATION.

TO AID IN INSTALLATION, CERTAIN DIMENSIONS ARE PROVIDED FOR PRODUCTS SPECIFIED. WHERE AN APPROVED EQUAL IS SUBSTITUTED, SUBMIT TO THE COTR FOR APPROVAL THE SIZE AND WEIGHT OF THE ACTUAL PRODUCT, AND REVISED DRAWING DETAILS NECESSARY FOR INSTALLATION.

TOP OF NEW FLOOR SLAB SHALL MATCH EXISTING TOP OF SLAB ELEVATION (606.00).

CARE SHALL BE TAKEN TO PREVENT DAMAGE OF EXISTING UTILITIES, BUILDING SLAB AND FOUNDATION, AND TANK FOUNDATIONS DURING CONSTRUCTION.

GRANULAR MATERIAL FOR SUBBASE SHALL BE SAND, SAND-GRAVEL, CRUSHED STONE, OR A COMBINATION OF THESE MATERIALS, MEETING THE FOLLOWING REQUIREMENTS:

MAXIMUM AGGREGATE SIZE:	1-1/4 INCH
PASSING NO. 200 SIEVE:	15% MAXIMUM
PLASTICITY INDEX:	6 MAXIMUM
LIQUID LIMIT:	25 MAXIMUM

COMPACT SUBBASE TO A MINIMUM OF 98% MAXIMUM DENSITY AT OPTIMUM MOISTURE DETERMINED BY SOIL COMPACTION TESTS IN ACCORDANCE WITH ASTM D698.

CONCRETE CONSTRUCTION AND PLACING EXCEPT FOR SLAB-ON-GRADE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF ACI 301-89 AND ACI 318-95.

CONCRETE SLAB-ON-GRADE CONSTRUCTION AND PLACING SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF ACI 301-89 AND ACI 302.1R-89.

NO CONCRETE ADMIXTURES CONTAINING CHLORIDES ARE ALLOWED, UNLESS APPROVED BY THE COTR.

WATERSTOPS: EQUAL TO "GREENSTREAK PVC STYLE 702", AS MANUFACTURED BY GREENSTREAK, ST. LOUIS, MO (800) 325-9504.

WHERE REQUIRED FOR REINFORCING STEEL BARS, PROVIDE HOOK AND/OR SPLICE LENGTHS CONFORMING TO ACI 318-95. SEE "DEVELOPMENT AND SPLICE LENGTH" CHART ON THIS SHEET.

AT PERIMETER OF NEW CONSTRUCTION AREAS, SAW CUT EXISTING ASPHALT PRIOR TO NECESSARY EXCAVATION. UPON COMPLETION OF BUILDING AND PERIPHERAL EQUIPMENT FOUNDATION CONSTRUCTION, REPAIR/REPLACE ASPHALT PAVEMENT IN CONSTRUCTION AREA TO MATCH ORIGINAL. AT NEW ENTRY RAMP LOCATIONS, PROVIDE ASPHALT WEARING SURFACE FLUSH WITH TOP OF CONCRETE.

PRIOR TO POURING CONCRETE, ENSURE ALL EMBEDDED UTILITIES AND PENETRATIONS ARE PROPERLY LOCATED AND SECURELY IN PLACE. FOR LOCATIONS OF MECHANICAL AND PLUMBING PENETRATIONS/EMBEDMENTS, SEE SHEETS M-1 AND P-1. FOR LOCATIONS OF ELECTRICAL PENETRATIONS/EMBEDMENTS, SEE SHEET E-1.

PROVIDE 3/4" CHAMFER ON EXPOSED CONCRETE EDGES.

AT THE LOCATION OF EACH SLAB CONTROL JOINT LINE, THE WELDED WIRE REINFORCEMENT SHALL BE DISCONTINUOUS (WIRE CUT OR SHEETS PLACED WITH A 1/4" TO 1" GAP BETWEEN ENDS) BEFORE PLACING CONCRETE.

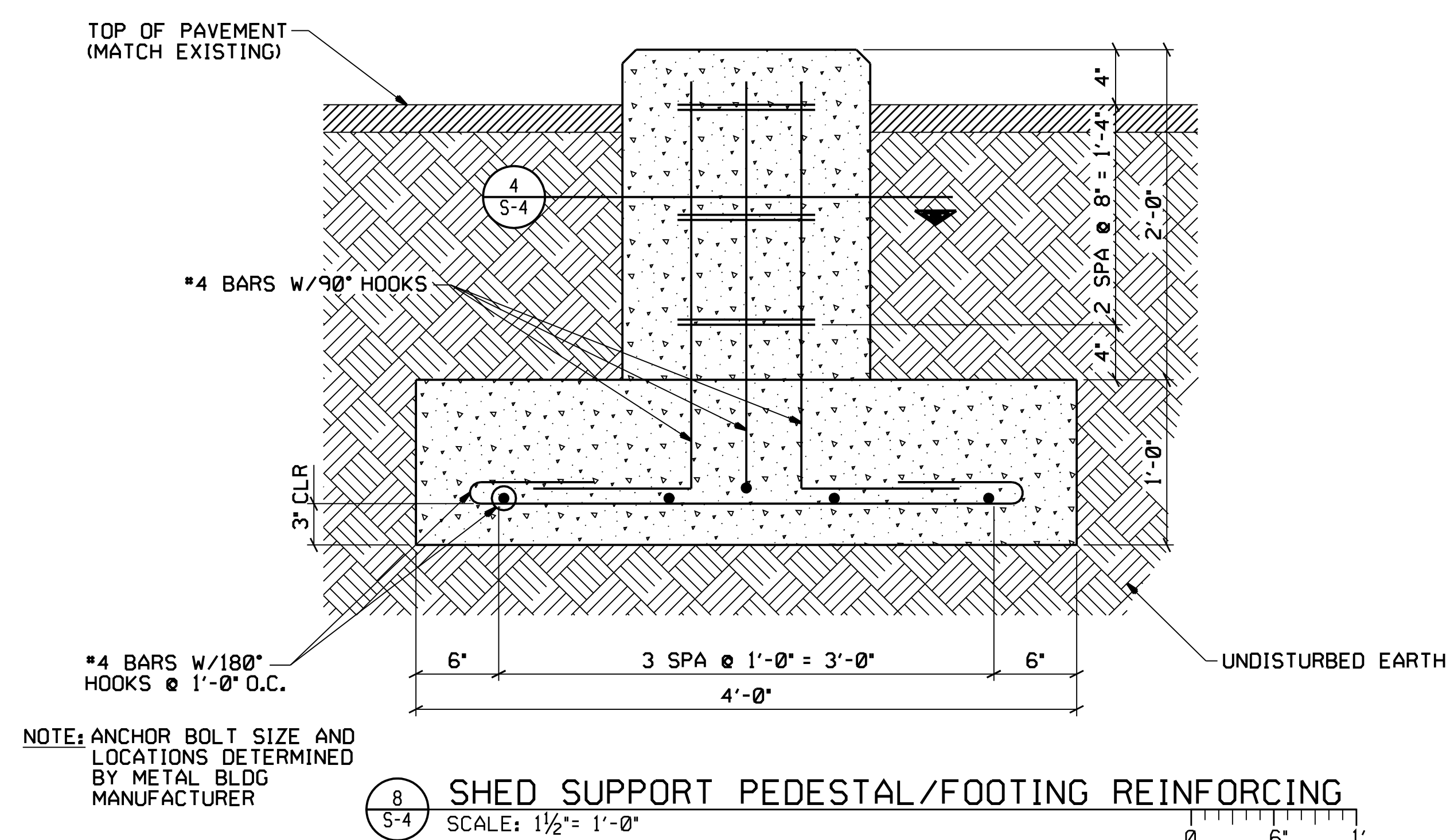
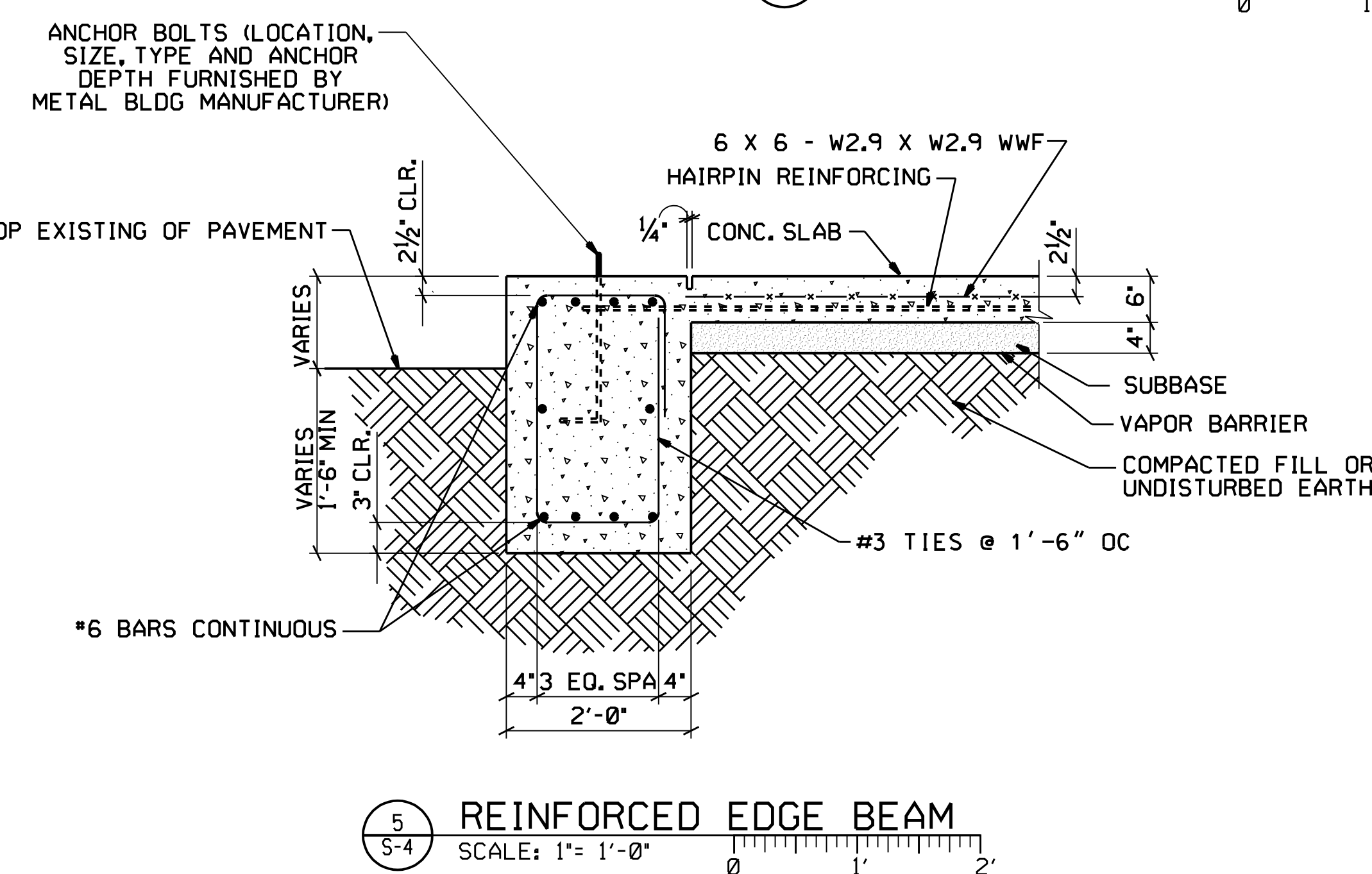
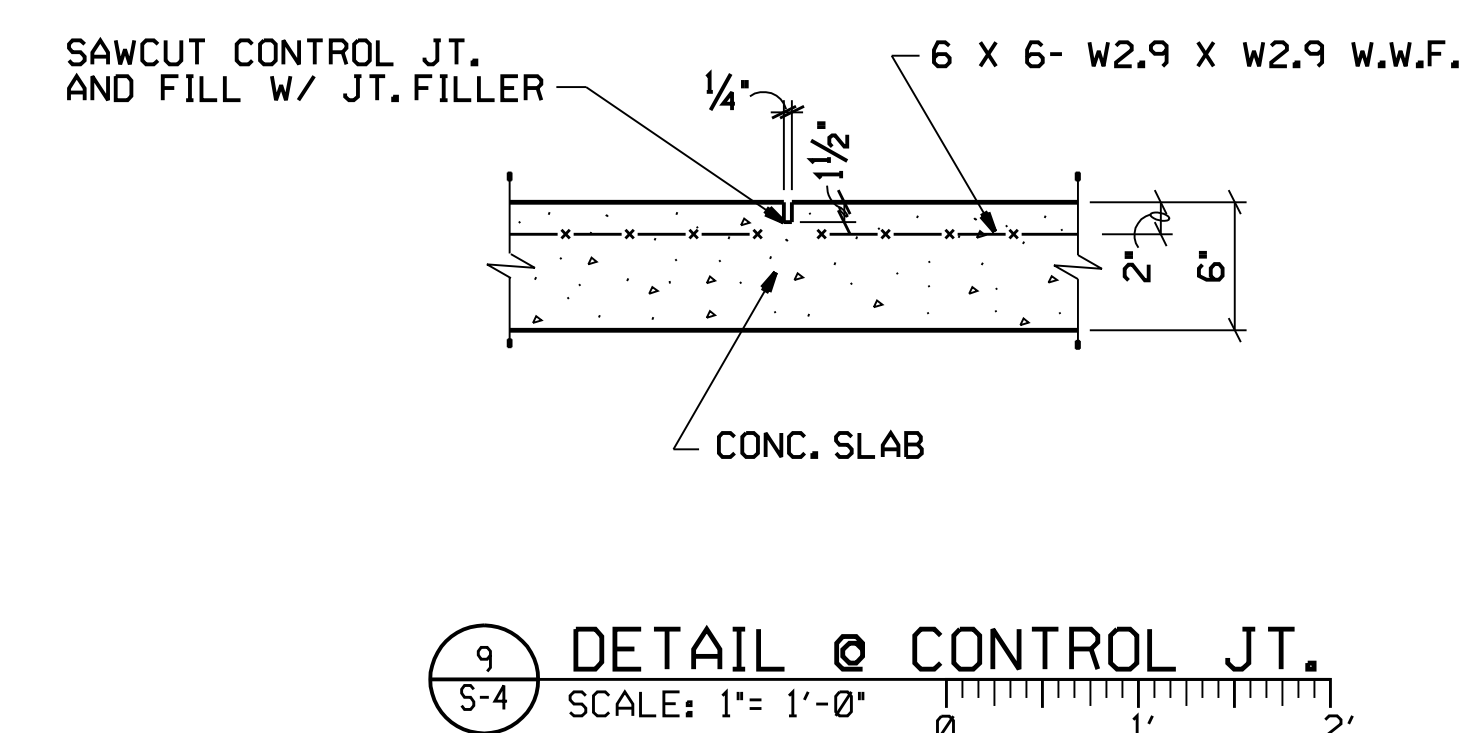
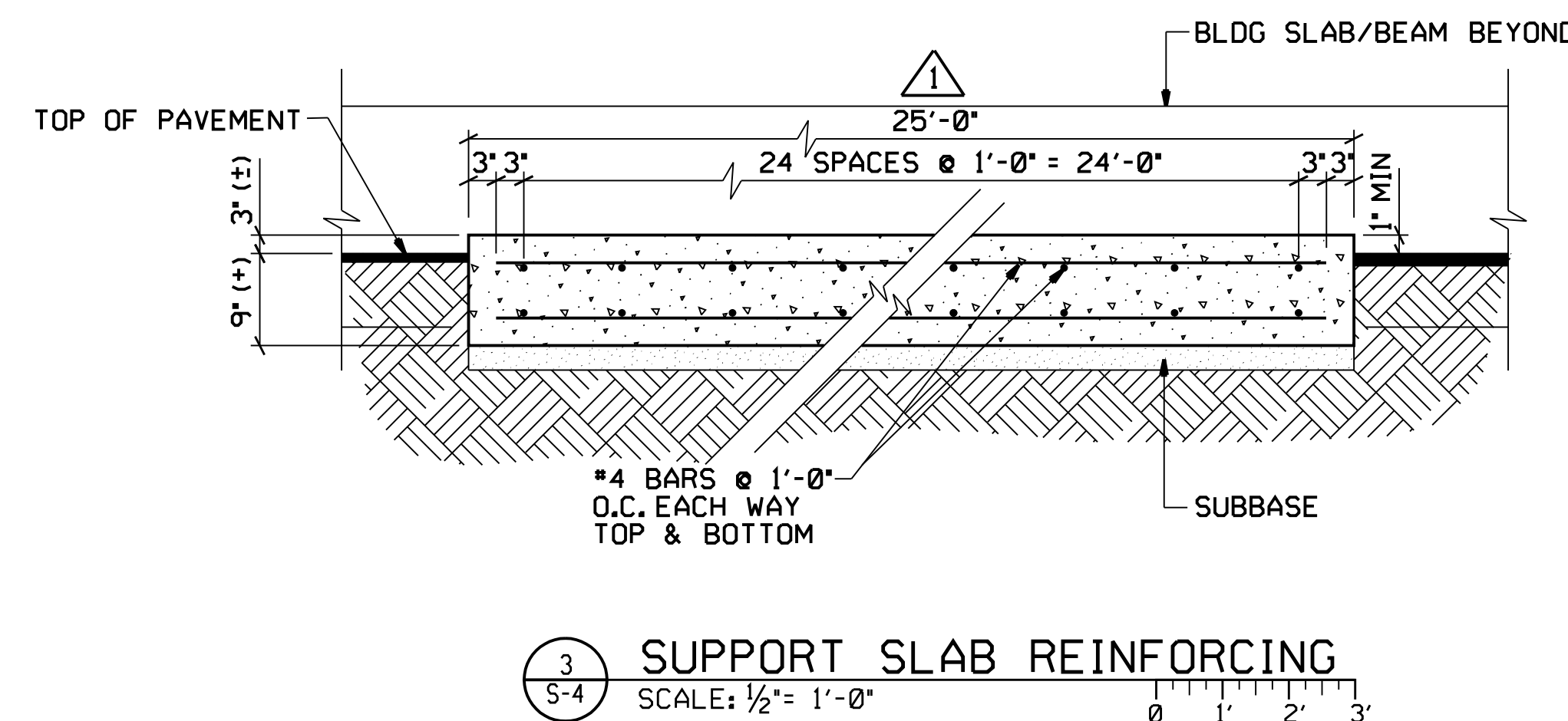
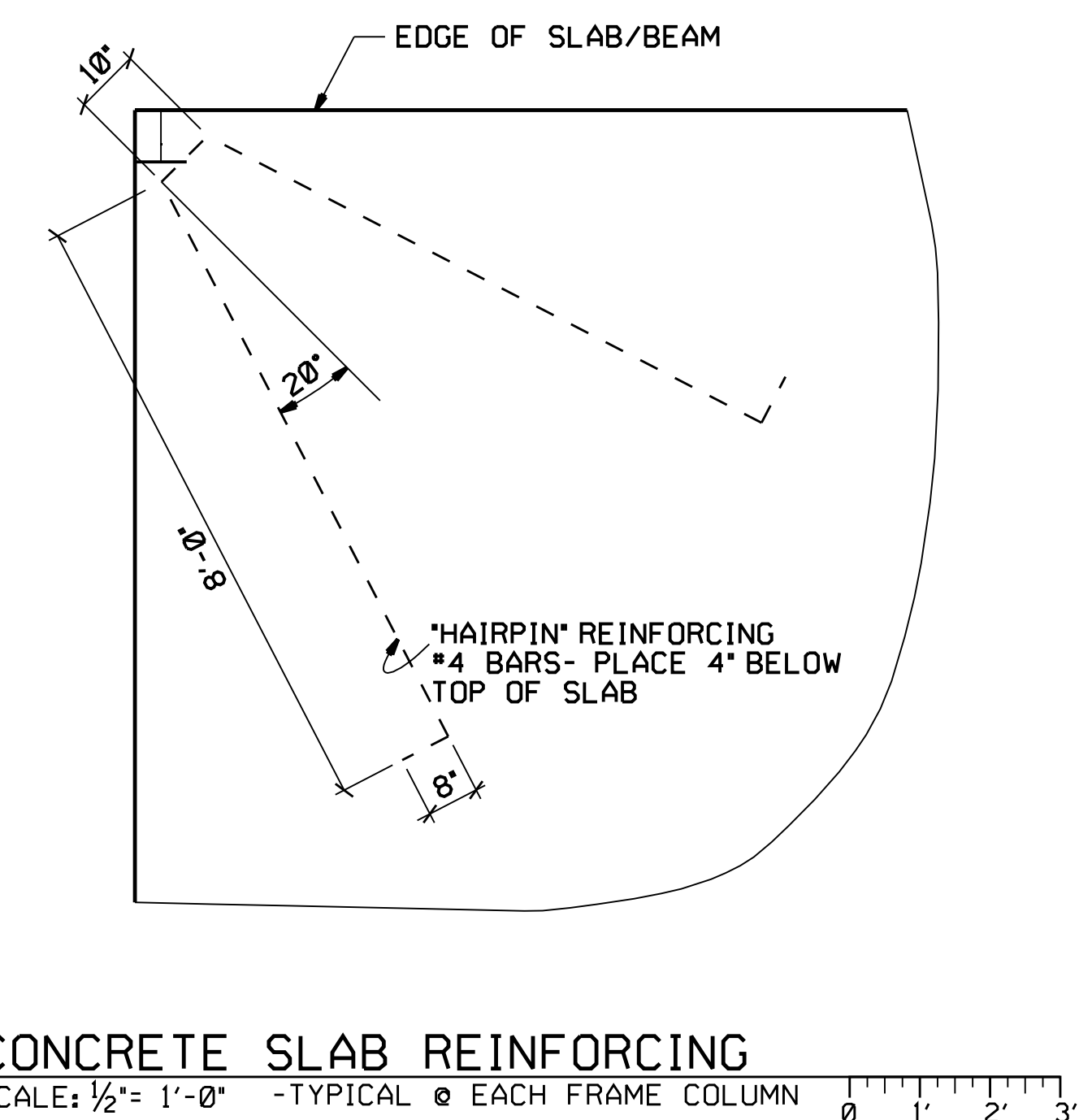
UNLESS OTHERWISE SHOWN, MINIMUM COVER FOR CONCRETE REINFORCING SHALL BE 3".

CONCRETE FLOOR SLAB SHALL HAVE A SMOOTH, TROWELLED FINISH.

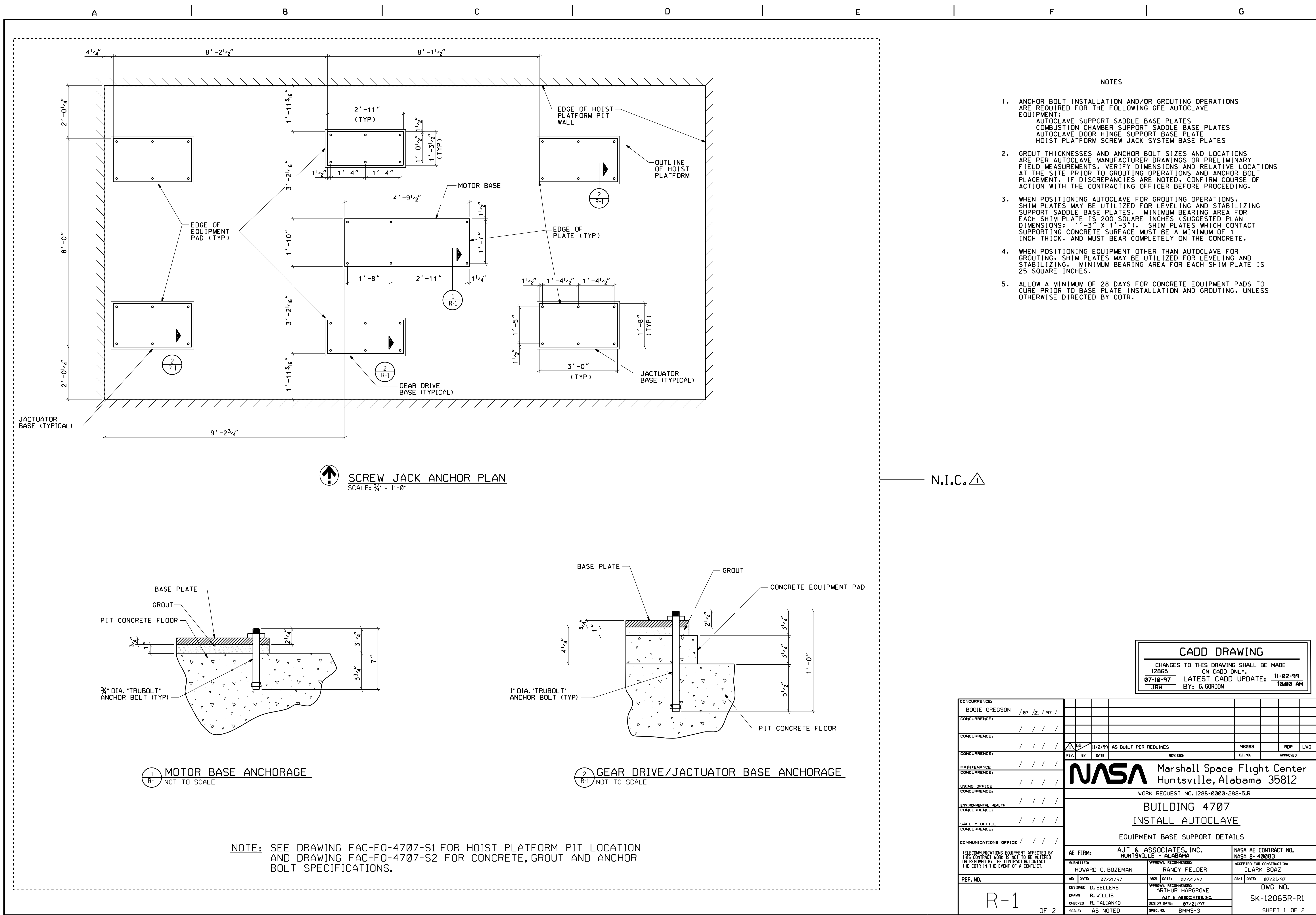
CURE CONCRETE BY ONE OF THE FOLLOWING METHODS:

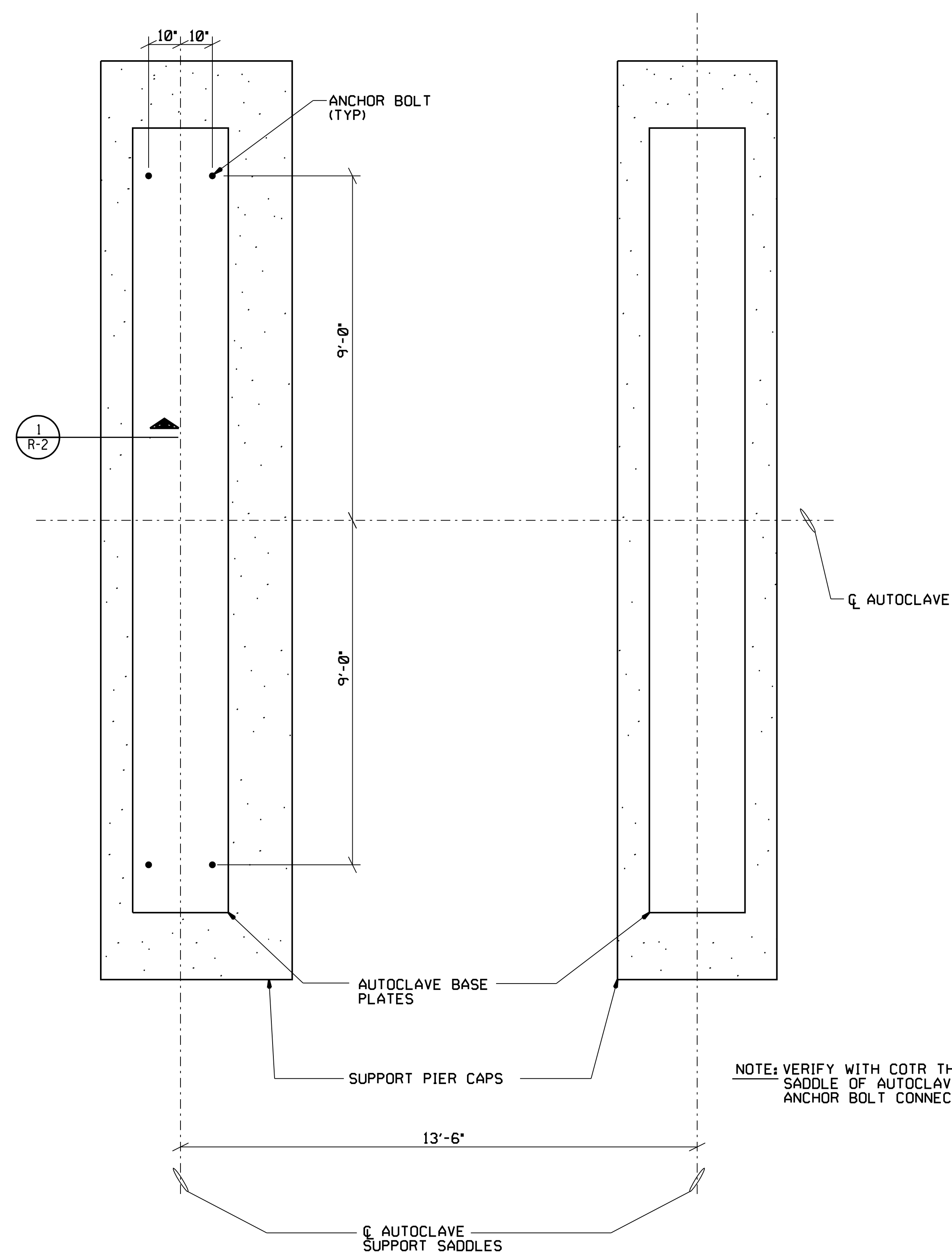
A. COVER FINISHED. WETTED CONCRETE SLAB SURFACE WITH POLYETHYLENE SHEETING CONFORMING TO ASTM C171. LAP A MINIMUM OF 3 INCHES AT ADJOINING SHEETS. PREVENT DISPLACEMENT OF COVER DURING CURING PERIOD OF 7 DAYS MINIMUM. PATCH HOLES IN COVER WITH WATERPROOF TAPE. KEEP SLAB SURFACE WET DURING CURING PERIOD.

NSFC-FORM 232 REV. 8-21-89-RCL

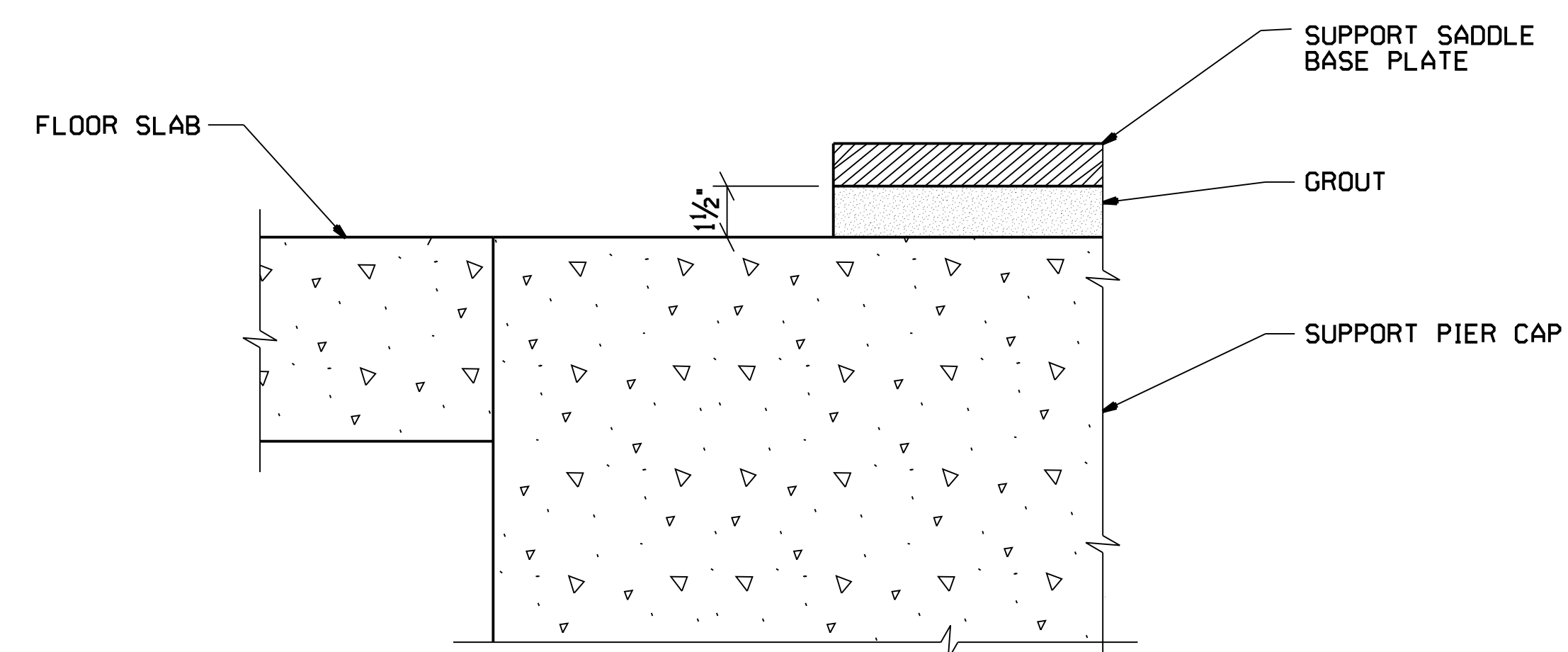
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 AUTOCLAVE BASE PLATE/ANCHOR BOLT PLAN
SCALE: 1/2" = 1'-0" 0 1' 2' 3'

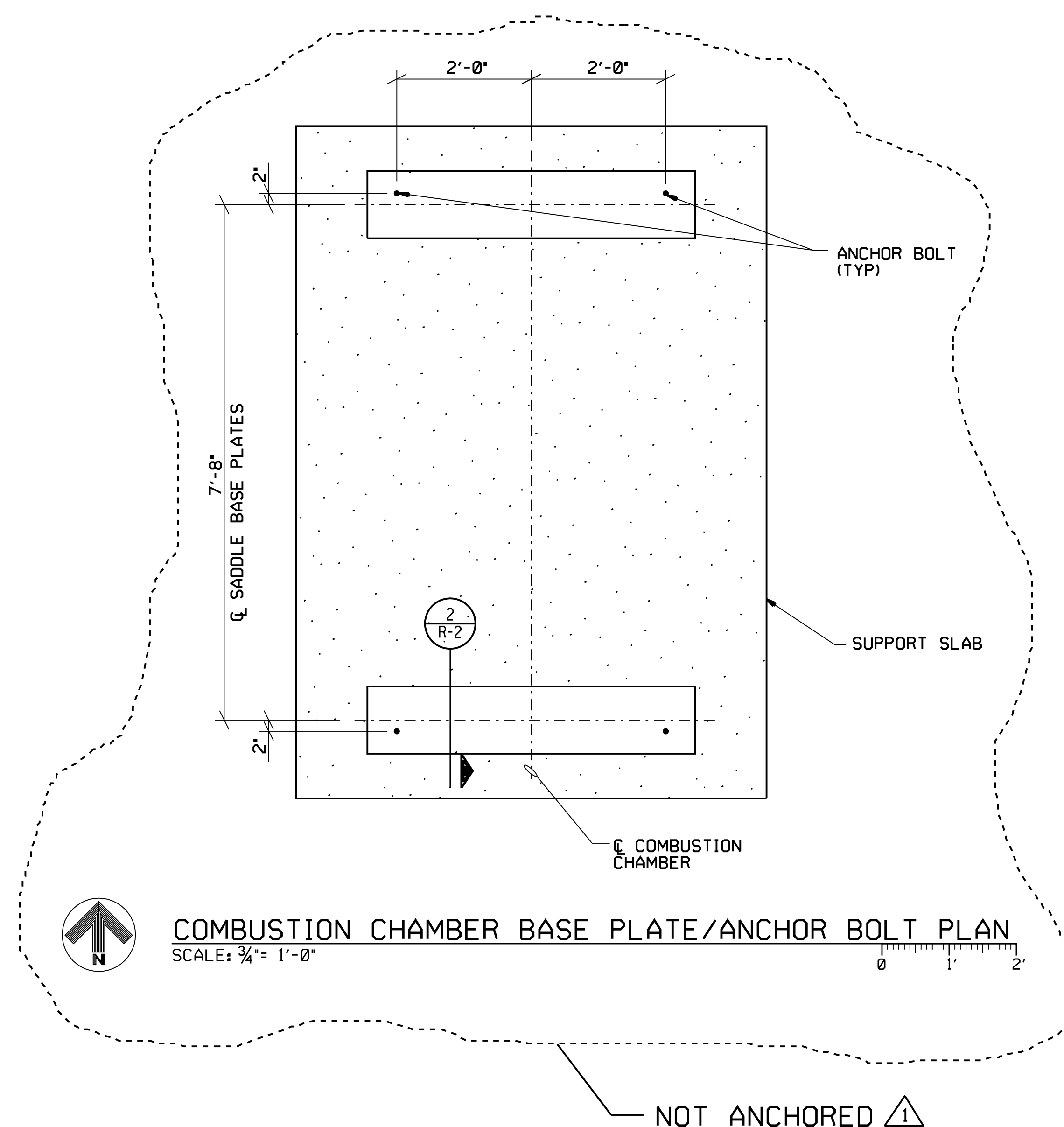


1
R-2

GROUT AT AUTOCLAVE SUPPORT BASE

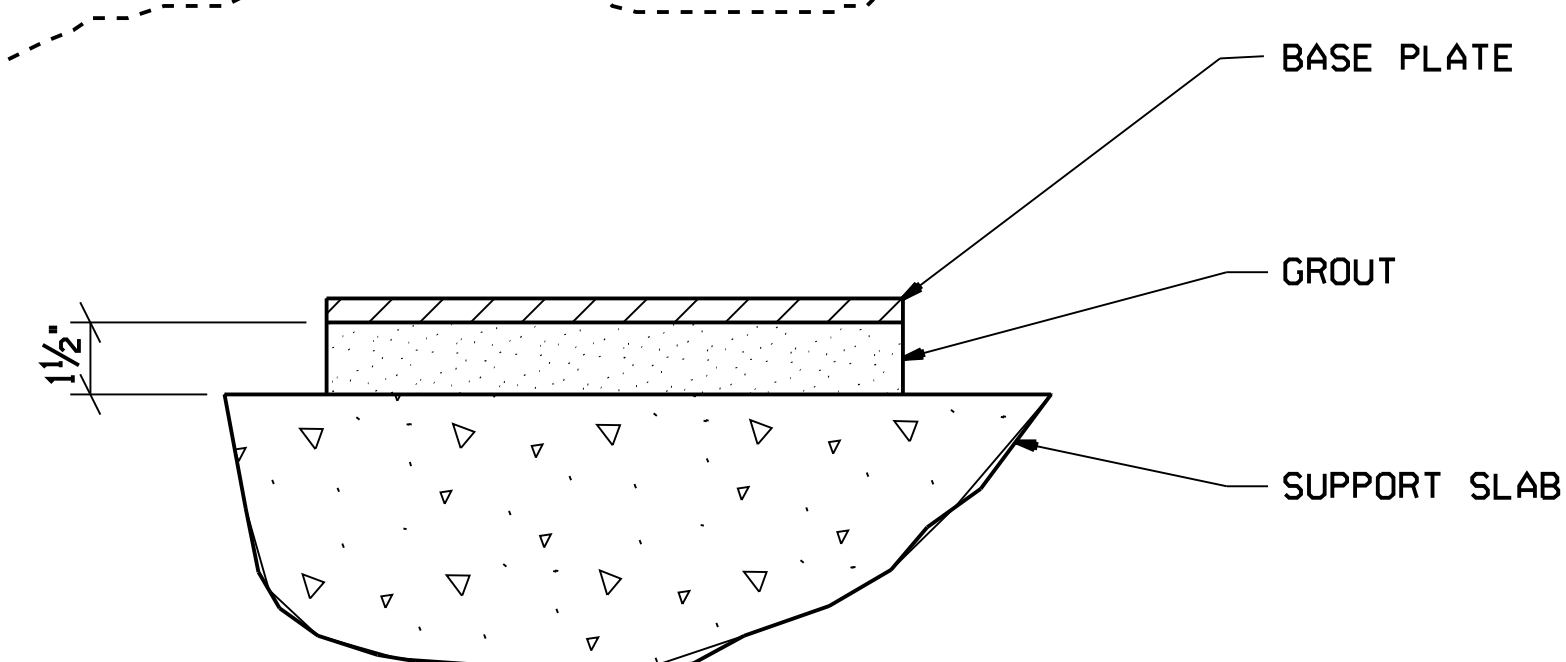
SCALE: 3"= 1'-0"

0 2' 4' 6' 8'



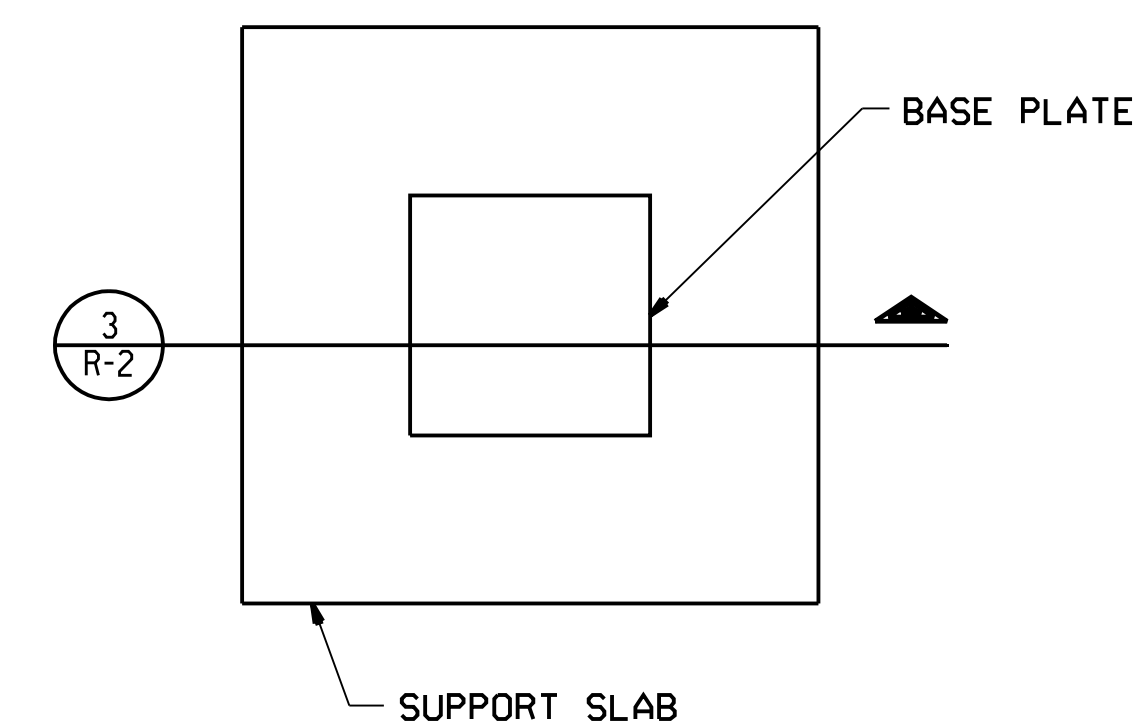
COMBUSTION CHAMBER BASE PLATE/ANCHOR BOLT PLAN
SCALE: $\frac{3}{4}" = 1'-0"$

NOTE: SEE DRAWING FAC-FQ-4707-S1 FOR LOCATIONS OF BASE MEMBERS SHOWN ON THIS SHEET. SEE DRAWING FAC-FQ-4707-S2 FOR GROUT AND ANCHOR BOLT SPECIFICATIONS.

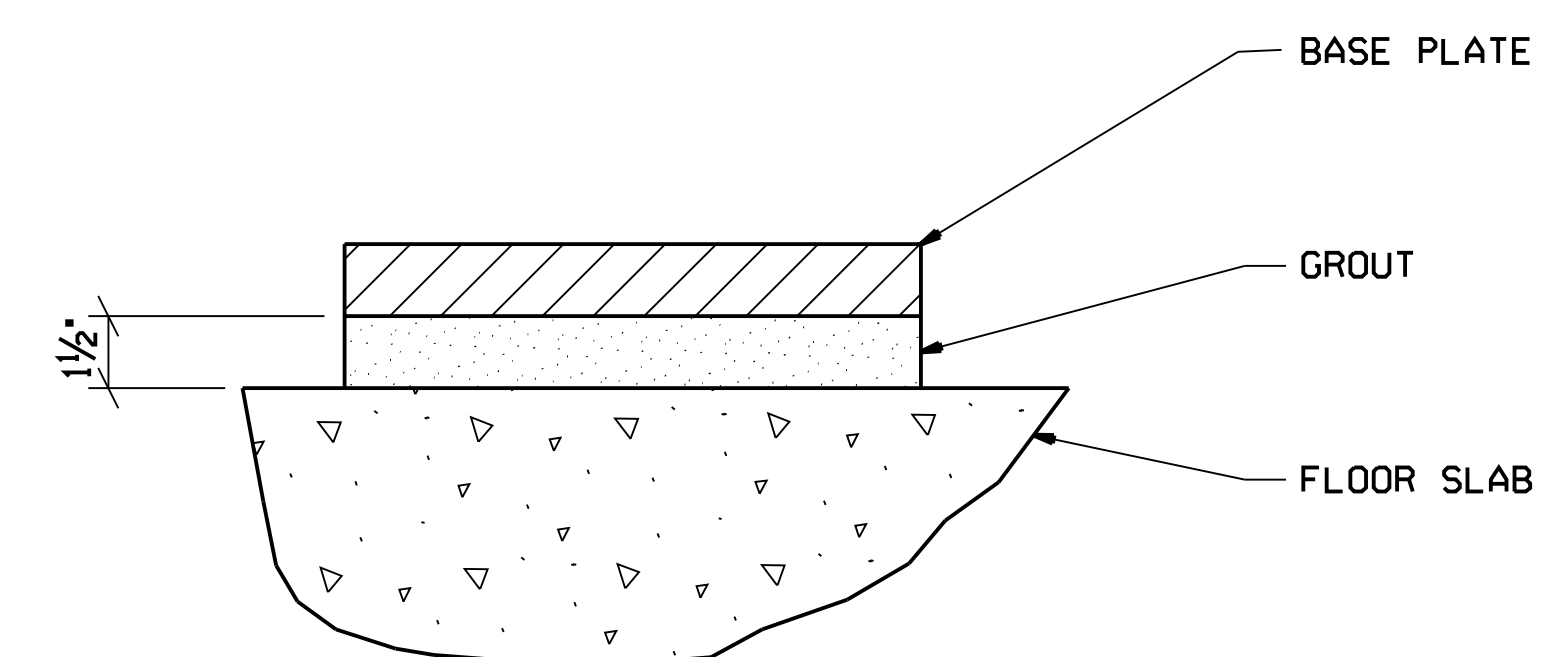


2 GROUT AT COMBUSTION CHAMBER SUPPORT BASE
R-2 SCALE: 3" = 1'-0"

- N.I.C. $\triangle 1$



 AUTOCLAVE DOOR HINGE BASE PLATE PLAN
SCALE: $\frac{3}{4}'' = 1'-0''$ 



3 GROUT AT DOOR HINGE SUPPORT BASE
R-2 SCALE: 3"= 1'-0" 0 2" 4" 6" 8"

CADD DRAWING

CHANGES TO THIS DRAWING SHALL BE MADE
 12865 ON CADD ONLY.

07-10-97 **LATEST CADD UPDATE: 11-02-99**
JRW **BY: G. GORDON** **10:30 AM**

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